;Program 1

;ALP code to print hello world on the terminal

section .data ;data segment

msg db "Hello, World!",13,10 ;Hello, World! string

len equ $-msg ;length of hello world! string

section .text ;code segment

global \_start ;must be declared for linker

\_start: ;tell linker entry point

mov edx, len ;message length

mov ecx, msg ;the message to write

mov ebx, 1 ;file descriptor (write)

mov eax, 4 ;system call number (sys\_write)

int 80h ;call kernel

mov eax,1 ;system call number (sys\_exit)

int 80h ;call kernel

nop

OUTPUT:

